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Deposited March 22<sup>d</sup>. 1864  
Recorded Vol. 39, Page 151.

A NEW SYSTEM *N. 119*

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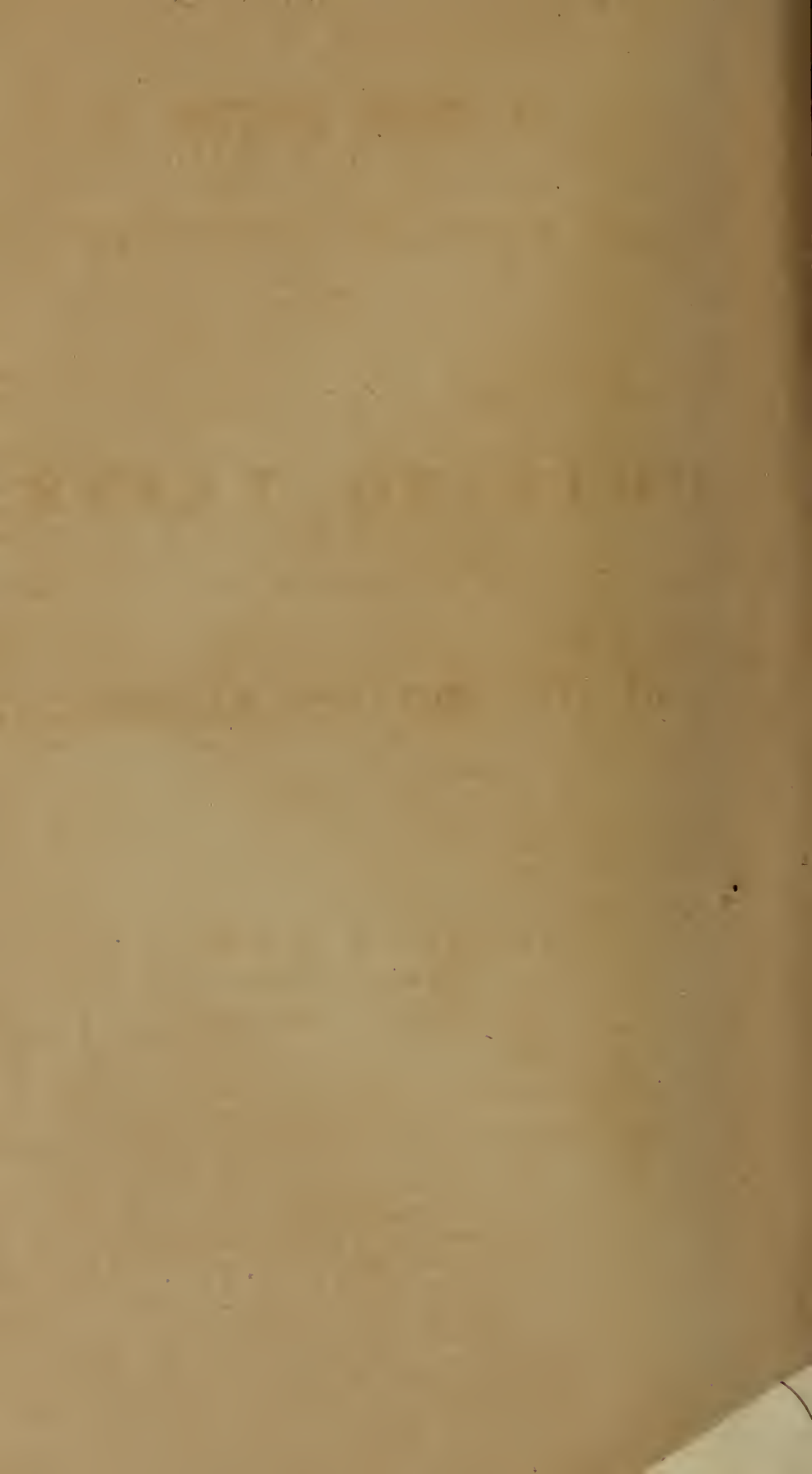
CUTTING VESTS,

BY THE SHOULDER MEASURE.

S. C. AMES,

INVENTOR AND PUBLISHER.

BOSTON:  
PUBLISHED BY THE INVENTOR.  
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# A NEW SYSTEM

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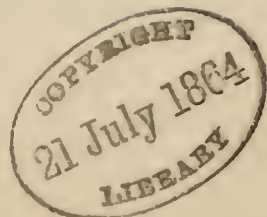
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# NOTICE.

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It was my intention at first to have had but one square and one printed book of directions for drafting both Pants and Vest; but changing my mind in regard to the matter, I present them to you separate or together, as you may choose, which I hope will meet your approbation.

S. C. AMES

Entered according to Act of Congress, in the year 1864, by  
S. C. AMES,  
In the Clerk's Office of the District Court of the District of Massachusetts.

25-5-81

## NEW SYSTEM FOR CUTTING VESTS.

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### DIRECTIONS FOR MEASURING.

From back of neck, measure length of roll, say  $10\frac{1}{2}$  inches, and full length in front,  $23\frac{1}{2}$  inches; in drafting add  $\frac{3}{4}$  or an inch for making up, then to waist above the hip to 10 on Diagram 5, say 20, and to full length over the hip to 11, say 22; then take breast, waist and hip measures, and the upper and lower shoulder measures, which are taken from top of back seam round under arm to starting point, and from between the shoulders on back seam round under arm to starting point.

These measures will often vary from half an inch to an inch, and with some from  $1\frac{1}{2}$  inches to 2 inches. Sometimes the upper shoulder measure is the larger, but oftener the lower one, but with a perfect form both measure the same. For instance, say the breast measures 35, the upper and lower shoulder would be 26; but it is often the case that the breast is 35 and the upper shoulder measure is 25 1-2, and the lower one 26 1-2 or 27, or the upper one  $26\frac{1}{2}$  and the lower one 25. Therefore, I only use the breast, waist and hip measures for the size of circumference, and a division of the upper and lower shoulder measures for the size and form of the shoulder.

### DIRECTIONS FOR DRAFTING.

#### DIAGRAM 5.

From 0 to 2 is scale  $\frac{1}{4}$  upper shoulder.

From 0 to 3 is scale  $\frac{1}{2}$  upper shoulder.

From 3 to 4 is scale 9 upper shoulder.

Square with line A, mark lines B, C, and D.

From 4 to 5 is scale 8 lower shoulder.

From 0 to 6 is scale 10 lower shoulder.

From 2 to 7 is scale  $\frac{1}{3}$  lower shoulder.

From 3 to 8 is scale 9 lower shoulder.

From 4 to 9 is scale  $\frac{1}{2}$  breast,

or from line A, to lower point of collar is the same, and for straight breasted

vest from point 2 on line B, is scale  $\frac{1}{2}$  breast. Measure from point 6 for length of roll, deducting width of top of back, which is scale  $\frac{1}{4}$  upper shoulder, and to full length at point 13 and to 10 as waist, and to 11 as full length over the hip.

From line A to 10 is  $\frac{1}{4}$  of an inch for every inch the breast is larger than the waist. From line A to 11 is  $\frac{1}{4}$  of an inch for every inch the breast is larger than the hip.

From 10 to 12 is scale  $\frac{1}{2}$  waist.

From 11 to 13 is scale  $\frac{1}{2}$  hip.

Add for buttons and button-holes  $\frac{1}{2}$  or  $\frac{3}{4}$  of an inch. For straight-breasted vest, cut as represented; for double-breasted, add lapel from 9 and 13.

#### BACK.—DIAGRAM 6.

From 0 to 2 is scale 7 upper shoulder.

From 2 to 3 is scale 8 upper shoulder.

And if the upper and lower shoulder measures are not alike, from 3 to 2 is scale 8 lower shoulder; from 2 to top of back is scale 9. Let point 4 on forepart touch point 3 on back, and mark lengths 7 and 8 corresponding with 10 and 11 on forepart. Square with line A, mark lines B, C, D, and E.

From 0 to 4 is scale  $\frac{1}{4}$  upper shoulder.

Lay on forepart to get point 5.

From 3 to 6 is scale 8 breast.

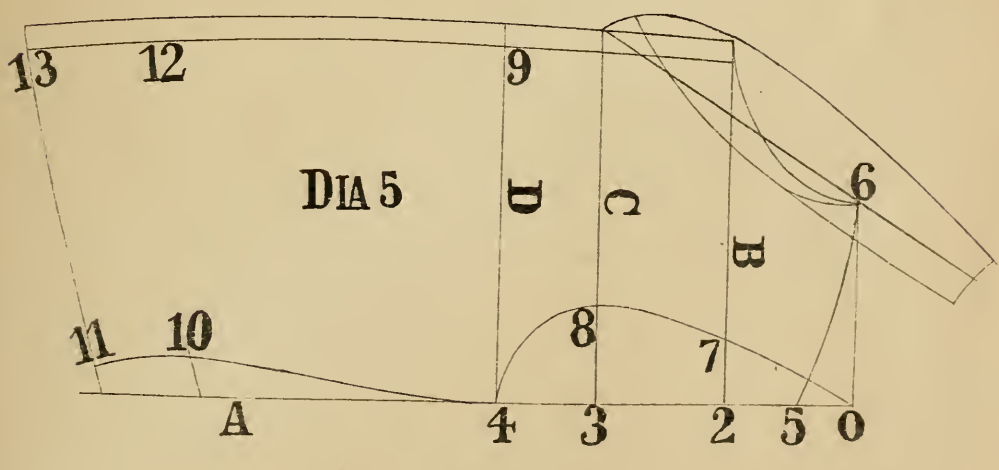
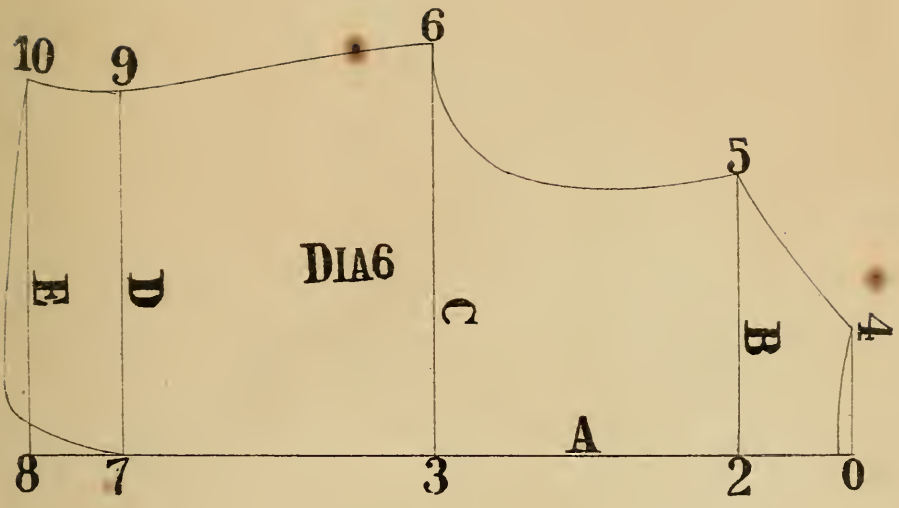
From 7 to 9 is scale 8 waist.

From 8 to 10 is scale 8 hip.

Shoulder measures to compare with those of the breast for regular proportions:

BREAST MEASURE.	SHOULDER MEASURE.	BREAST MEASURE.	SHOULDER MEASURE.
23	17	36	26 $\frac{3}{4}$
24	17 $\frac{3}{4}$	37	27 $\frac{1}{2}$
25	18 $\frac{1}{2}$	38	28 $\frac{1}{4}$
26	19 $\frac{1}{4}$	39	29
27	20	40	29 $\frac{3}{4}$
28	20 $\frac{3}{4}$	41	30 $\frac{1}{2}$
29	21 $\frac{1}{2}$	42	31 $\frac{1}{4}$
30	22 $\frac{1}{4}$	43	32
31	23	44	32 $\frac{3}{4}$
32	23 $\frac{3}{4}$	45	33 $\frac{1}{2}$
33	24 $\frac{1}{2}$	46	34 $\frac{1}{4}$
34	25 $\frac{1}{4}$	47	35
35	26	48	35 $\frac{3}{4}$







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